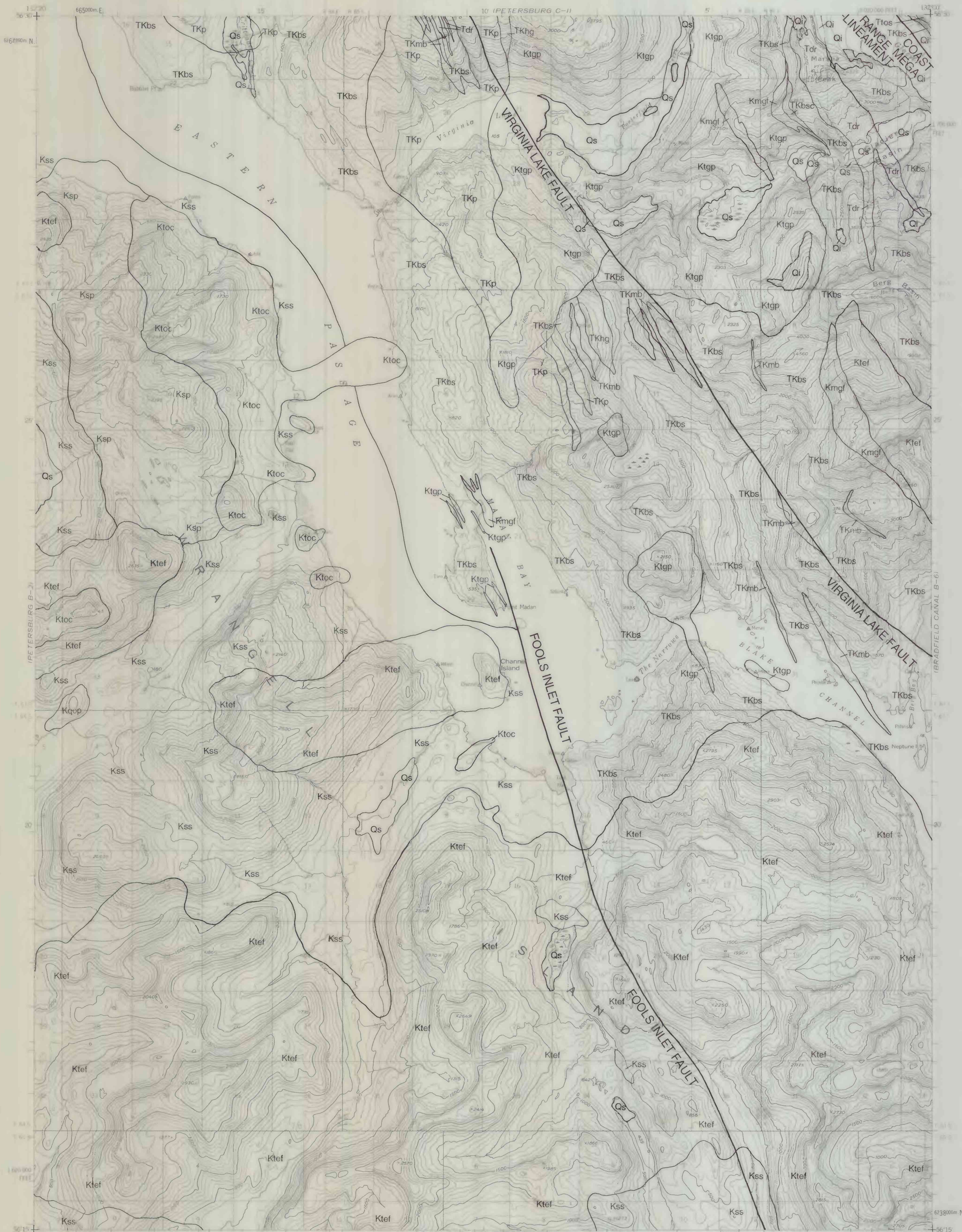
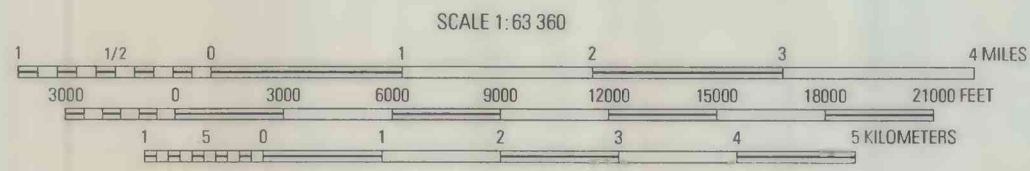


Pamphlet accompanies map
BREW, D.A., Reconnaissance Geologic Map of the
Petersburg B-1 Quadrangle, southeastern Alaska



Base from U.S.G.S 1:63,360
Topographic Map Series, 1955



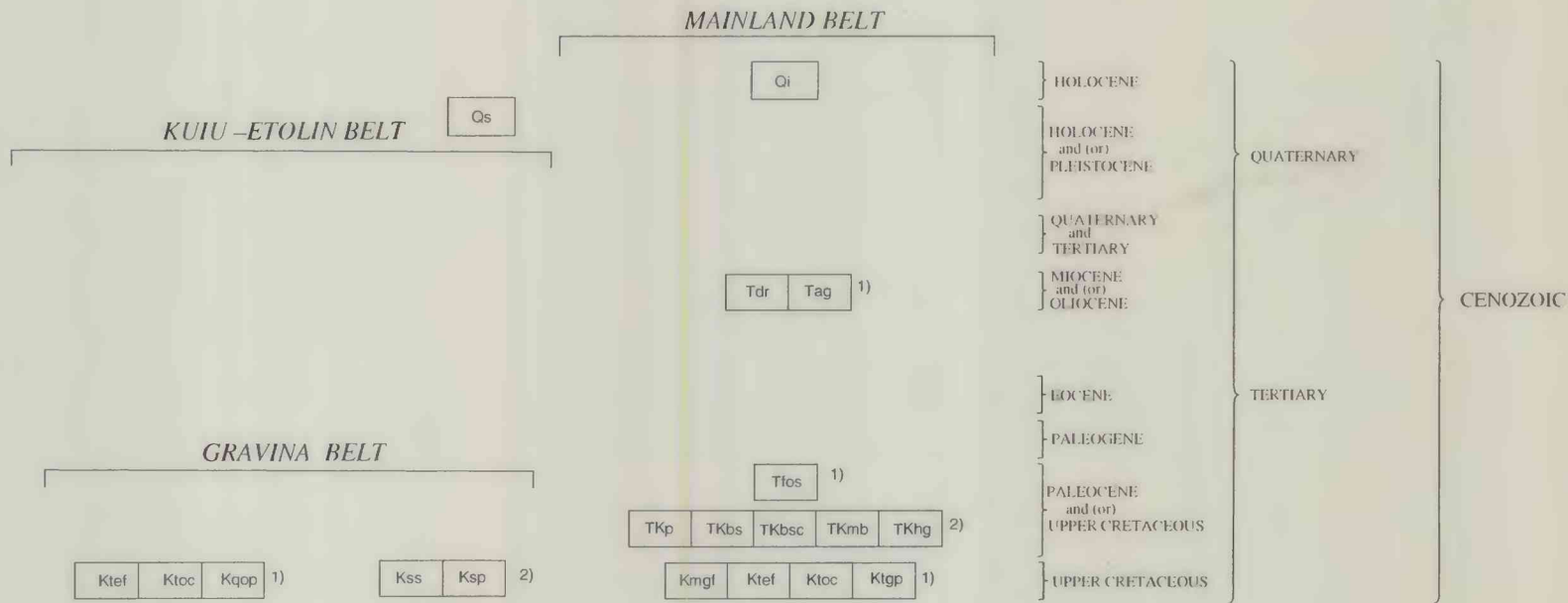
Geologic Mapping by:
D.A. Brew, P.D. Burrell, A.B. Ford, S.J. Hunt,
S.M. Karl, R.D. Koch, R.P. Morrell, K. Reading,
and R.A. Sonnevil, 1978-1982, 1992

RECONNAISSANCE GEOLOGIC MAP OF THE PETERSBURG B-1 QUADRANGLE, SOUTHEASTERN ALASKA

By
David A. Brew
1997

This report is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey editorial standards or with the North American Stratigraphic Code. Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government

CORRELATION OF MAP UNITS IN THE PETERSBURG B-1 QUADRANGLE (SEE INDEX MAP FOR LOCATION OF BELTS)



NOTES:
1. AGE OF EMPLACEMENT
2. AGE OF METAMORPHISM

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BRIEF DESCRIPTION OF MAP UNITS IN THE PETERSBURG B-1 QUADRANGLE

Qs SURFICIAL DEPOSITS (Holocene and/or Pleistocene)—Alluvium, colluvium, tidal mudflat deposits, and some glaciofluvial deposits.

MAINLAND BELT

Qi GLACIAL ICE AND PERMANENT SNOWFIELDS (Holocene)

Tdr INTRUSIVE ROCKS OF BEHM CANAL PLUTONIC BELT (Miocene and/or Oligocene)

TKbs Rhyolite and Related Ro

TKp METAMORPHIC ROCKS OF COAST MOUNTAINS COMPLEX (Upper Cretaceous and/or Paleocene)

TKbs Biotite Schist

TKmb Marble and Calc-Silicate Granofels

TKhg Hornblende Gneiss

GRAVINA BELT

INTRUSIVE ROCKS OF ADMIRALTY-REVILLAGIGEDO PLUTONIC BELT AND ASSOCIATED MIGMATITE (Upper Cretaceous)

Ktcl Hornblende-Biotite Tonalite and Granodiorite, Quartz Monzodiorite, and Quartz Diorite

Ktcc Garnet-Biotite Tonalite and Minor Granodiorite

Kqop Biotite-Epidote-Hornblende Quartz Monzodiorite

Ktgp Biotite Tonalite, Quartz Diorite, and Granodiorite

Kmgf Migmatite (Upper Cretaceous)

Tsh HORNFELED SEYMOUR CANAL FORMATION ROCKS (Tertiary or Cretaceous)

METAMORPHOSED STEPHENS PASSAGE GROUP ROCKS (Upper Cretaceous)

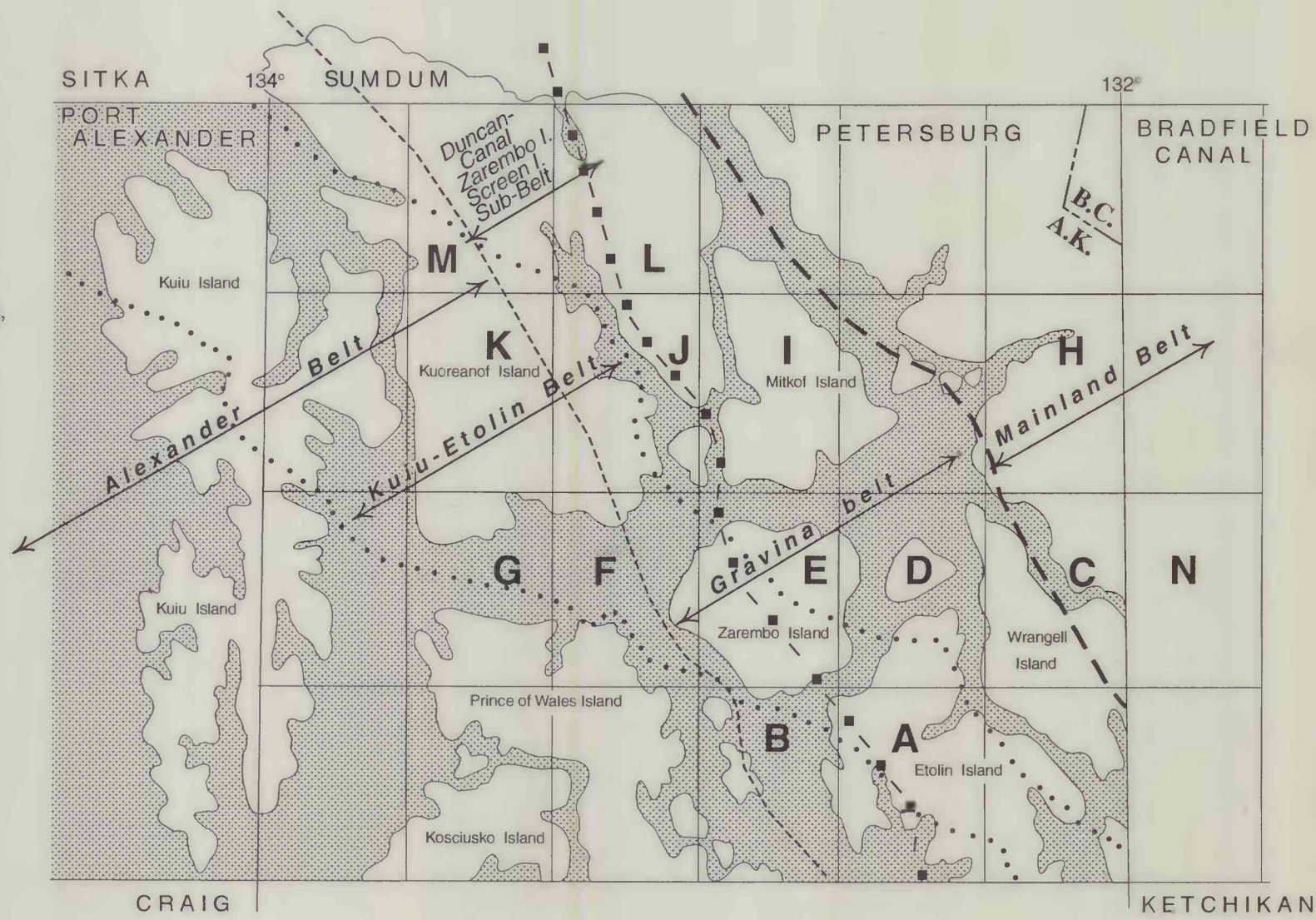
Kss Schist and Hornfels

Ksp Phyllite

LINE SYMBOLS

Contact; shown as solid line where position is known or inferred and where concealed by younger units or water; this convention has been adopted to facilitate future scanning and digitizing of this map data

High-angle fault; shown as solid line where position is known or inferred and where concealed by younger units or water; this convention has been adopted to facilitate future scanning and digitizing of this map data



Index map of Petersburg project area (Brew and others, 1984) showing locations of belts mentioned in text and on Correlation of Map Units diagram and the locations of 1:250,000- and 1:63,360-scale quadrangles. The 1:63,360-scale quadrangles in this Open-File Report map series (OFR 97-156a-n) are indicated by capital letters. The different types of lines bounding the belts have no special significance.